

Replace the paragraph beginning on page 12, line 18, with the following:

C² The NOVGON protein disclosed has homology to a number of species variants of the gonadotropin family, including goldfish gonadotropin, and bovine and sheep lutropin (see Figure 8). NOVGON is 61% similar to carp gonadotropin beta chain precursor at the amino acid level, over residues 42 to 126 of SEQ ID NO: 6. The NOVGON polypeptide of the invention is comparably as similar (61%) to carp gonadotropin beta chain precursor at the amino acid level as the nearest family member, *R. Norvegicus* (rat) LSH beta-chain precursor, is to human choriogonadotropin beta-chain (65% identical over 164 a.a.) (see UniGene database, ncbi.nlm.nih.gov/UniGene website). The protein also is significantly similar to human gonadotropin/bLH chimera, D10 (patp: R15106) (57% at the amino acid level) and Equine chorionic gonadotropin beta-chain protein (patp: R65110) (51% at the amino acid level). See Fig. 7B.

Replace the paragraph beginning on page 13, line 28, with the following:

C³ The NOVINTRA A protein disclosed has substantial homology to both human IL-1 delta encoding DNA and intracellular IL-1 receptor antagonist type II, as well as ovine IL-1 beta (see Figure 11). NOVINTRA A is 62% similar to mouse IL-IL1 protein at the amino acid level, over residues 4 to 152 of SEQ ID NO: 8. The NOVINTRA A polypeptide of the invention is comparably as similar (62%) to human IL1RN at the amino acid level as the nearest family member, *M. musculus* (mouse) intracellular IL1RN, is to human IL1RN (75% identical over 157 a.a.) (see UniGene database, ncbi.nlm.nih.gov/UniGene website). The protein also has substantial similarity to human delta interleukin-1 like protein 1 (SPTREMBL-ACC:19UBH0)(59% at the amino acid level). Smith *et al.*, *J. Biol. Chem.* 275: 1169-1175 (2000). See Fig. 10B.

Replace the paragraph beginning on page 14, line 27, with the following:

C⁴ The NOVINTRA B protein disclosed has substantial homology to both human intracellular IL-1 receptor antagonist type II and ovine IL-1 beta (see Figure 14). NOVINTRA B is 51% similar to human IL1RN homolog at the amino acid level, over residues 25 to 170 of SEQ ID NO: 10, 100% identical to human FIL-1, a member of the IL-1 superfamily, over residues 21 to 170 of SEQ ID NO: 10, and 94% identical to human IL-1 homolog 2 over residues 21 to 106 of SEQ ID NO: 10. The NOVINTRA B polypeptide of the invention is comparably as similar (51%) to human IL1RN at the amino acid level as the nearest family member, *M.*